

[Publication List by Yoshiaki Hagiwara.html](#)

Four Japanese Patent Applications on Pinned Photodiode with Electric Shutter Function and Global Shutter Function.

[Japanese Patent Application JPA1975-127646](#)

[Japanese Patent Application JPA1975-127647](#)

[Japanese Patent Application JPA1975-134985](#)

[Japanese Patent Application JPA1977-126885](#)

The first Pinned Photodiode papers by Hagiwara

[P1977 Narrow Channel Transfer Gate CCD SSDM1977 Paper by Hagiwara.pdf](#)

[Hagiwara SSDM1978 Paper on Pinned Buried Photodiode.pdf](#)

Five Recently Published Papers by Hagiwara(AIPS)

[P2019 3DIC2019 Paper on 3D Pinned Photodiode 6 pages.pdf](#)

[EDTM2020 Conference Paper ID 3C4 by Hagiwara\(PDF\)](#)

[IJSSM2021 e-Journal Paper on Pinned Photodiode.html](#)

[ICECET2021 Paper61.pdf](#)

[ICECET2021 Paper75.pdf](#)